# RESEARCH

A REPORT OF THE
PLANNING AND RESEARCH BRANCH
MANITOBA EDUCATION

Manitoba
Education

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This report is intended for information only,
and does not necessarily represent the policy
or opinion of Manitoba Education.

1984
National
Grad Survey
(Education Grads)
86-05

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## EXECUTIVE SUMMARY

As part of a 1984 National Graduates Survey conducted by Statistics Canada, graduates from Faculty of Education programs within Manitoba and across Canada were surveyed. The overall objective of the survey was to study the relationship between education and the early employment experiences of graduates.

A total of 2,998 graduates from Faculties of Education were contacted across Canada with 223 having graduated from either the University of Manitoba or Brandon University. Graduates from the University of Winnipeg were unable to be surveyed as telephone numbers were not received by Statistics Canada within the survey period.

Some of the major highlights include:

- graduates from Manitoba programs had similar demographic characteristics to those from comparable programs Nationally.
- both within Manitoba and across Canada, three-quarters of graduates from undergraduate programs were women, but at the Masters level the proportion of women dropped to half.
- prior to enrolling into their programs of study, higher proportions of Manitoba graduates, compared to Canada as a whole, were working at a full-time job.
- Manitoba graduates, both from undergraduate and Masters programs, enjoyed higher levels of employment than their National counterparts at each of three selected weeks during the two years following graduation. At the time of the survey, 98% of Manitoba's Masters graduates and 89% of Manitoba's undergraduate graduates were employed, while Nationally the figures were 93% and 87% respectively.
- Manitoba graduates earned average annual salaries which were very comparable to those reported Nationally. Salaries of graduates with a Masters degree were over 50% higher than salaries of graduates with an undergraduate degree.
- at both the undergraduate and Masters levels, Manitoba graduates compared with their National counterparts, reported greater satisfaction with the skills provided by their program of study.
- 93% of graduates from Manitoba institutions were still living in Manitoba at time of the survey.

## RÉSUMÉ ADMINISTRATIF

Dans le cadre d'un sondage effectué en 1984 auprès des diplômés des universités canadiennes, une étude a été faite au Manitoba et à travers le Canada concernant les diplômés des facultés d'éducation. L'objectif principal de cette enquête était d'étudier le rapport existant entre l'éducation universitaire et les premiers emplois obtenus par les diplômés.

On interrogea en tout 2998 diplômés des facultés d'éducation canadiennes, y compris 223 diplômés de l'Université du Manitoba et de l'Université de Brandon. Il ne fut pas possible de se mettre en rapport avec les diplômés de l'Université de Winnipeg car les services de Statistiques Canada ne reçurent pas leurs numéros de téléphone au cours de l'enquête.

L'enquête a révélé certains traits saillants, notamment ceux-ci :

- les particularités démographiques relatives aux diplômés manitobains étaient semblables à celles des diplômés canadiens en général;
- au Manitoba et dans l'ensemble du Canada, les trois quarts des diplômés du premier cycle étaient des femmes, mais au deuxième cycle il n'y en avait plus que 50 %;
- au Manitoba, il y avait une plus forte proportion de diplômés qui travaillaient à temps plein avant de commencer leurs études que dans l'ensemble du Canada;
- au cours de chacune des trois semaines choisies parmi les deux années qui suivirent la fin de leurs études, les diplômés manitobains des 1er et 2e cycles ont obtenu plus d'emplois que la moyenne canadienne correspondante. Durant l'enquête faite au Manitoba,98 % des diplômés du 2e cycle et 89 % des diplômés du 1er cycle occupaient des emplois alors que les moyennes nationales correspondantes n'étaient que de 93 % et 87 % respectivement;
- la moyenne des salaires annuels des diplômés manitobains était semblable à la moyenne correspondante des diplômés canadiens en général. Par contre, les salaires des diplômés du 2e cycle dépassaient de plus de 50 % les salaires des diplômés du 1er cycle;
- par comparaison avec l'ensemble des diplômés canadiens des 1er et 2e cycles, les diplômés manitobains se sont déclarés plus satisfaits que les autres des compétences acquises à l'université;
- au moment de l'enquête, 93 % des diplômés d'établissements manitobains résidaient toujours au Manitoba.

# 1984 NATIONAL GRADUATES SURVEY
# 1982 GRADUATES

## Analysis of Graduates from University Faculty of Education Programs

## INTRODUCTION

The National Graduates Survey was conducted by Statistics Canada in co-operation with the Secretary of State and the Canadian Employment and Immigration Commission. The study involved graduates of university, career/technical, and trade/vocational programs who graduated during the 1982 calendar year from a Canadian educational institution. This report analyzes the outcomes of graduates from university programs in the Faculty of Education.

The objectives of the survey were:

- to monitor the experiences of graduates during the transition from school to work.
- to provide information on occupational supply and demand.
- to provide subjective information on levels of satisfaction of graduates in a number of areas.
- to determine the extent to which employment is related to fields of study.
- to study the effects (if any) of retraining.
- to determine the extent of inter-provincial movement of graduates.

At the onset of the study it was decided to involve the provinces through a data sharing agreement. This report is a result of the decision to release the raw data to the provinces. The objective of this analysis is to determine the outcomes for Manitoba Faculty of Education graduates in comparison with similar graduates on a National basis.

The survey was conducted by Statistics Canada by means of telephone interviews during the period June 4, 1984 to July 20, 1984 (refer to Appendix I for a description of the time frame procedures). All interviews strictly adhered to the format contained within the standardized questionnaire which was developed for university graduates (refer to Appendix II). Unfortunately, Statistics Canada did not receive addresses and telephone numbers from the University of Winnipeg which resulted in exclusion of their graduates from the survey.

A total of 223 people who graduated from Manitoba's Faculties of Education in 1982 were contacted for the survey. The distribution of these graduates was as follows:

MANITOBA SAMPLE FRAME

| Type of degree | U of M | Brandon U | Total |
|---|---|---|---|
| Undergrad deg,dip,cert | 112 | 30 | 142 |
| MA deg,dip,cert | 80 | - | 80 |
| PhD | 1 | - | 1 |
| | 193 | 30 | 223 |

Appendix III outlines the populations and responses for all university graduates and those from Faculty of Education programs across Canada and within Manitoba.

As there was only one Doctoral graduate surveyed in Manitoba, that category was excluded from analysis in this report.

In order to make the responding samples representative of all Faculty of Education graduates, analyses conducted for this report have used a weighting factor calculated for each respondent by Statistics Canada. A description of the weighting procedure is contained in Appendix IV.

BASIC DEMOGRAPHICS

The Manitoba population of Education graduates had similar characteristics to those from across Canada. Large differences existed between graduates from undergraduate programs and graduates from masters programs:

| | Manitoba | | Canada | |
|---|---|---|---|---|
| | Undergrad | Master | Undergrad | Master |
| Sex - % female | 71% | 49% | 72% | 51% |
| Age at time of graduation | 27 | 37 | 28 | 36 |
| Marital status | | | | |
| - % single | 43% | 15% | 49% | 19% |
| - % married | 48% | 80% | 47% | 72% |
| - % other | 9% | 5% | 4% | 9% |

The most significant difference occurred in the proportion of men/women within each level. Of Manitoba's graduates, 71% from undergraduate programs were women, while only 49% from masters programs were women.

## MAJOR ACTIVITY 12 MONTHS PRIOR TO PROGRAM

At the masters level, 85% of both the Manitoba and National graduates were working at a job during the year directly preceding enrolment into their program. At the undergraduate level, one-half of Manitoba's graduates were working compared to just over a third of the National graduates.

Fifty-seven percent of the National graduates from undergraduate programs reported that they were attending school for the twelve months prior to enroling while 46% of Manitoba's graduates were. This indicates a higher level of sequential entry from high school to university in other provinces.

## THE SCHOOL TO WORK TRANSITION

### a) The Experience of Unemployment

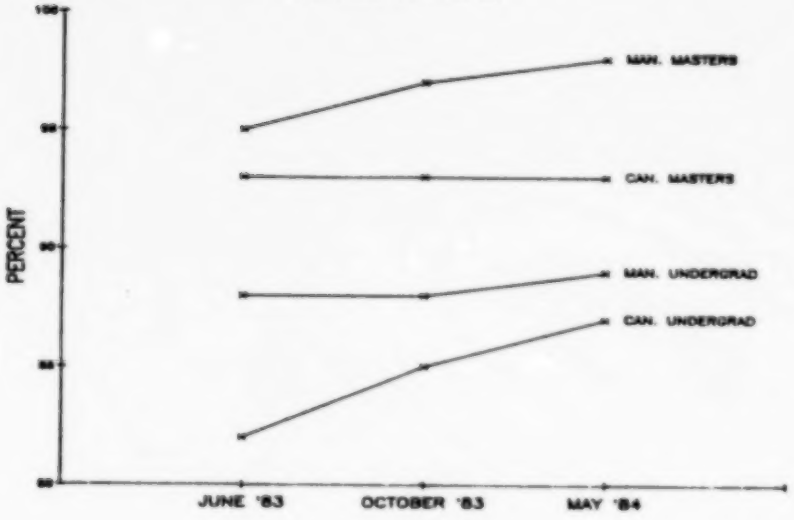
Thirty-seven percent of Manitoba's population who graduated with an undergraduate degree/diploma/certificate were without a job and looking for one at some time during the two years between graduation in 1982 and completing the survey (39% at National level). At the masters level only 6% of those from Manitoba and 12% Nationally had a similar experience.

The length of time these students were unemployed ranged from one to thirty months. Manitoba graduates from undergraduate programs reported an average of 7 months of unemployment (9 months Nationally), while masters graduates reported an average of 10 months ( 8 months Nationally).

### b) Employment Status at Three Specified Time Periods Between 1982 and 1984

A number of questions contained in the survey examined the employment status after graduation. Questions such as the level of employment, match of job to program, salary, and job satisfaction were examined. Although the survey was conducted during June and July of 1984, respondents were asked about their employment status during selected weeks within the two years since graduation. These weeks included the last week of January 1983, the last week of October 1983, and the week of May 27 - June 2, 1984. The following chart compares the employment status of Manitoba's graduates with the National sample during the selected periods:

LABOR FORCE STATUS – % EMPLOYED
(3 TIME PERIODS)




At both the undergraduate and masters levels, Manitoba graduates enjoyed higher levels of employment than their National counterparts during each of the three time periods used in the survey.

Manitoba had very few graduates who were unemployed at each time period (range of 0-3%) while at the National level the proportions unemployed were much higher across all categories (range of 2%-8%).

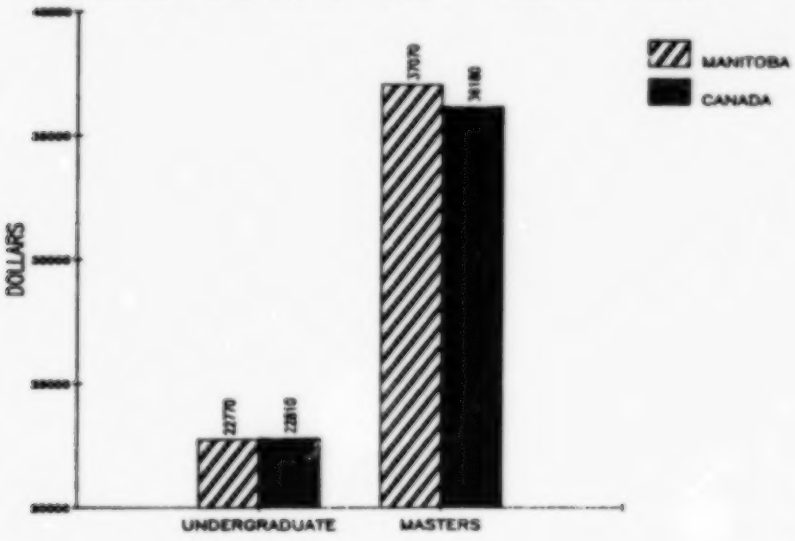
As would be expected, greater proportions of graduates from undergraduate programs, compared with those from masters programs, were not in the labor force during each of the three time periods.

c) <u>The Job Two Years After Graduation</u>

Of those who were employed at the time of the survey (98% of Manitoba's Masters graduates, 89% of Manitoba's graduates from undergraduate programs), almost all had positions which Statistics Canada deemed as being related to their educational programs (refer to Appendix V for derivation methodology). As expected, graduates from the masters programs faired better than those from undergraduate programs. Ninety-one percent of Manitoba's employed undergraduates had jobs which were related to their Faculty of Education program (89% of National employed undergraduates), while all of Manitoba's employed masters graduates had related jobs (94% Nationally).

Manitoba graduates earned average annual salaries which were very comparable to those reported Nationally. Both within Manitoba and across Canada the average annual salaries of graduates from masters programs were over 50% higher than salaries of graduates from undergraduate programs.

AVERAGE SALARY OF JOB AT TIME OF SURVEY

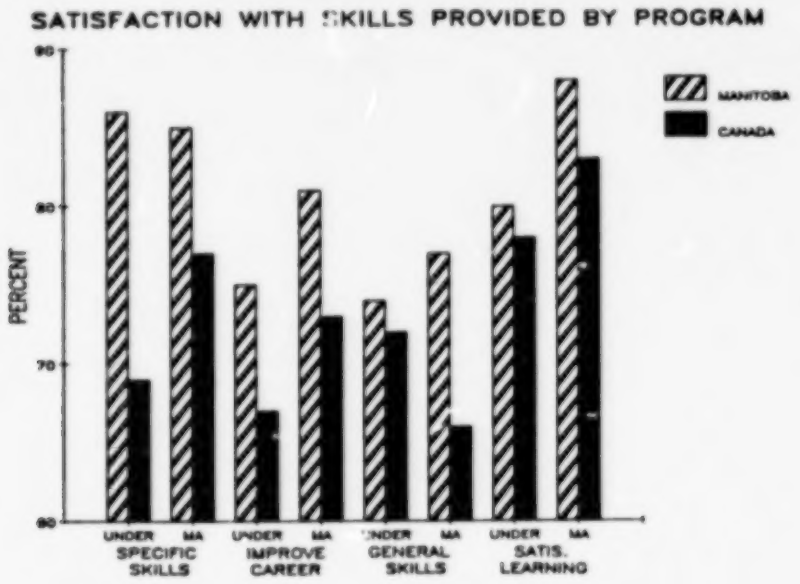



Graduates were asked about their satisfaction with the job they held at the time of the survey. Ninety-four percent of Manitoba's graduates from undergraduate programs reported they were either "satisfied" or "very satisfied" (89% Nationally), while 95% of Manitoba's masters graduates reported likewise (96% Nationally).

## SATISFACTION WITH UNIVERSITY PROGRAM

When asked to respond in the light of their experiences since graduation in 1982, greater proportions of graduates from masters programs, compared with those from undergraduate programs, reported that they would select the same educational program again. At the masters level 80% of both the Manitoba and National graduates reported this, while just under 3/4 of graduates from undergraduate programs (both from Manitoba and across Canada) did so.

In regard to the specific skills that were provided by their educational programs, Manitoba graduates at both the undergraduate and masters levels reported greater satisfaction than their National counterparts. Four specified areas were addressed: (1) specialized knowledge and skills required in a particular occupation, (2) improved career prospects, (3) general communication, social and reasoning skills, and (4) the satisfaction of learning and understanding an academic discipline.




## LOCATION OF GRADUATES AT THE TIME OF SURVEY

Two years after graduating from a Manitoba university, 92% of those who earned an undergraduate degree/diploma/certificate and 94% of those with a masters degree reported their province of permanent residence to be Manitoba.

## APPENDIX I

### SURVEY PROCEDURES

The survey was conducted by Statistics Canada within the following time frame:

| | |
|---|---|
| October 1983 | - all Canadian post-secondary institutions were asked to participate. |
| December 1983 | - data specifications were sent to each institution for a list of all graduates. |
| April 1984 | - final cut-off date for receipt of population lists from each institution. |
| May 1984 | - the survey sample was selected using stratified randoming. |
| June 4 to July 20, 1984 | - the survey was conducted by means of telephone interviews. |

APPENDIX II

Statistics Canada Statistique Canada

Special Surveys Division

Form NGS – 01

CONFIDENTIAL when completed

# NATIONAL GRADUATES SURVEY

## University and College Programs

Authority – Statistics Act, Statutes of Canada, 1970 - 71 - 72, Chapter 15.

Correction of line A:

| Interviewer's number | Interviewer's name | Senior interviewer |
|---|---|---|
| | | |

**1. Record of calls/trace**

| | Date | Start Time | Finish Time | Result | Telephone Number |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |

☐☐ Total number of calls

**2. Length of interview:** ☐☐ minutes.

8–8400–34.1: 5-3-84 TB/CT–REG. 8102555

Canada

**3.** *Final Status of Questionnaire*

| | |
|---|---|
| Contacted and completed interview | 01 ○ |
| Contacted and partial interview | 02 ○ |
| Contacted but refused | 03 ○ |
| Already contacted (duplicate) | 04 ○ |
| Absent for duration of survey | 05 ○ |
| Unlisted number | 06 ○ |
| No answer | 07 ○ |
| Can't be reached by phone | 08 ○ |
| Unable to trace | 09 ○ |
| Interview ended in item 6 | 10 ○ |
| No longer living in Canada | 11 ○ |
| Other | 12 ○ |

## A. INTRODUCTION

**4.** HELLO, I'M . . . *(your name)* . . . FROM STATISTICS CANADA. WE'RE DOING A SURVEY OF 1982 GRADUATES. THE SURVEY WILL GIVE EDUCATIONAL PLANNERS INFORMATION ON THE EMPLOYMENT EXPERIENCE OF GRADUATES. I'D LIKE TO ASK YOU SOME QUESTIONS. YOUR ANSWERS WILL BE STRICTLY CONFIDENTIAL AND WILL BE USED ONLY FOR STATISTICAL PURPOSES.

**5.** FIRST I'D LIKE TO ENSURE THAT OUR INFORMATION IS CORRECT. DID YOU OBTAIN A *(Read line A)* IN 1982?

Yes 1 ○ *Go to 8* No 2 ○

**6.** DID YOU OBTAIN ANY DEGREE, DIPLOMA OR CERTIFICATE IN 1982?

Yes 1 ○ No 2 ○ *End interview*

**7.** WHAT DEGREE, DIPLOMA OR CERTIFICATE DID YOU OBTAIN IN 1982? *(Check one only)*

| | |
|---|---|
| Diploma or certificate from college/CEGEP/other equivalent institution | 1 ○ |
| University undergraduate diploma or certificate | 2 ○ |
| Bachelors or first professional degree | 3 ○ |
| University graduate diploma or certificate | 4 ○ |
| Masters degree | 5 ○ |
| Doctorate degree | 6 ○ |
| Other *(Specify)* | 7 ○ |

*(Correct line A of the label if required, then go to 8)*

## B. DURING POSTSECONDARY STUDIES

**8.** NOW SOME QUESTIONS ABOUT THE TIME WHILE YOU WERE STUDYING FOR THE *(Read line A)*. IN WHAT MONTH DID YOU COMPLETE THE REQUIREMENTS FOR THE *(Read line A)*? BY "COMPLETE THE REQUIREMENTS" I MEAN, FOR EXAMPLE, WRITE THE LAST EXAM, OR SUBMIT THE LAST PAPER, REPORT OR PROJECT, OR DEFEND YOUR THESIS. *(Enter month and check year)*

☐☐ Month

1981 1 ○ 1982 2 ○

**9.** WHAT WAS THE MAJOR FIELD OF STUDY OR SPECIALIZATION FOR THE *(Read line A)*? *(If two, enter both)*

1. ☐☐☐

**10. WHAT WAS THE NORMAL LENGTH, IN ACADEMIC YEARS, OF THE *(Read line A)* PROGRAM?**

| | | | |
|---|---|---|---|
| Less than one year | 1 ○ | Four years | 5 ○ |
| One year | 2 ○ | Five years | 6 ○ |
| Two years | 3 ○ | More than five years | 7 ○ |
| Three years | 4 ○ | Don't know | 8 ○ |

**11. WAS THE *(Read line A)* PROGRAM A COOPERATIVE PROGRAM?**

Yes 1 ○ No 2 ○

**12. WERE YOU EVER REGISTERED AS A PART-TIME STUDENT IN THE *(Read line A)* PROGRAM?**

Yes 3 ○ No 4 ○ *Go to 15*

**13. DID YOU TAKE MOST OF THE COURSES IN THE *(Read line A)* PROGRAM AS A PART-TIME STUDENT?**

Yes 5 ○ No 6 ○

About equally full-time and part-time, half-and-half 7 ○

**14. DURING YOUR FINAL TERM IN THE *(Read line A)* PROGRAM, WERE YOU ENROLLED AS A FULL-TIME OR AS A PART-TIME STUDENT?**

Full-time 8 ○ Part-time 9 ○

**15. BEFORE YOU STARTED THE *(Read line A)* PROGRAM, WHAT WAS THE HIGHEST LEVEL OF EDUCATION YOU HAD COMPLETED? *(Do not read list. Mark one only)***

**School:**

| | |
|---|---|
| Elementary | 01 ○ |
| Some secondary | 02 ○ |
| Completed secondary/technical high school | 03 ○ |

**College:**

| | |
|---|---|
| Some college/CEGEP | 04 ○ |
| Completed college/CEGEP D.E.C/technical institute | 05 ○ |

**University:**

| | |
|---|---|
| Some university (incl. university transfer in Alta.& B.C.) | 06 ○ |
| University certificate or diploma (below graduate level) | 07 ○ |
| University certificate or diploma (graduate level) | 08 ○ |
| Bachelors degree (e.g. B.A., B.Sc., B.Ed., B.Comm., B.Eng., etc.) | 09 ○ |
| Degree in law, medicine or theology (e.g. LL.B., D.D.S., D.V.M.) | 10 ○ |
| Masters degree (e.g. M.A., M.Sc., M.Ed., M.B.A., etc.) | 11 ○ |
| Earned doctorate (e.g. Ph.D., D.Sc., etc.) | 12 ○ |
| Other *(Specify)* | 13 ○ |

## C. WORK AND OTHER EXPERIENCES BEFORE POSTSECONDARY STUDIES

**16.** NOW SOME QUESTIONS ABOUT THE TIME BETWEEN LEAVING HIGH SCHOOL AND COMPLETING THE *(Read line A)* PROGRAM. DURING THAT PERIOD, DID YOU EVER WORK FULL-TIME? BY FULL-TIME I MEAN USUALLY WORKED 30 OR MORE HOURS A WEEK. DO NOT INCLUDE SUMMER JOBS HELD WHILE YOU WERE A STUDENT.

Yes [1]○ No [2]○ *Go to 23*

**17.** DURING THAT PERIOD, WHAT WAS THE TOTAL NUMBER OF YEARS OF FULL-TIME WORK EXPERIENCE YOU HAD ACCUMULATED? DO NOT INCLUDE SUMMER JOBS HELD WHILE YOU WERE A STUDENT.

Less than 6 months . . . . . [1]○ *Go to 23*

6 months – less than 1 year . . . . [2]○

1 – less than 3 years . . . . . [3]○

3 – less than 5 years . . . . . [4]○

5 – less than 7 years . . . . . [5]○

7 years or more . . . . . [6]○ *Go to 19*

Don't know . . . . . [7]○

**18.** DURING THAT PERIOD, DID YOU WORK AT A FULL-TIME JOB FOR A PERIOD OF SIX CONSECUTIVE MONTHS OR MORE?

Yes [1]○ No [2]○ *Go to 23*

**19.** IN THE TIME BETWEEN LEAVING HIGH SCHOOL AND COMPLETING THE *(Read line A)* PROGRAM, IN WHAT YEAR DID YOU LAST WORK AT A JOB THAT LASTED SIX MONTHS OR MORE? *(Enter year or check)*

| 1 | 9 | | |
|---|---|---|---|

Or: Still working at it [1]○

Never [2]○ *Go to 23*

**20.** FOR WHOM DID YOU WORK AT THAT JOB? *(Probe with name of business, government department or agency, or person)*

Don't know [1]○ Or:

**21.** WHAT KIND OF BUSINESS, INDUSTRY OR SERVICE WAS THIS? *(Probe with: elementary school, municipal government, retail shoe store)*

Don't know [1]○ Or:

**22.** WHAT KIND OF WORK WERE YOU DOING? *(Probe with: elementary school teacher, manager of a biological research department, shoe salesperson) (Describe major activity, using at least two words)*

Don't know [1]○ Or:

**23.** DURING THE 12 MONTHS BEFORE YOU ENROLLED IN THE *(Read line A)* PROGRAM, WHAT WAS YOUR MAJOR ACTIVITY? FOR EXAMPLE, WORKING, GOING TO SCHOOL, LOOKING FOR WORK, HOUSEHOLD RESPONSIBILITIES. *(Check one only)*

Working . . . . . [1]○ *Go to 25*

Going to school . . . . . [2]○

Looking for work . . . . . [3]○

Household responsibilities . . . . . [4]○

Other *(Specify)* . . . . . [5]○ *Go to 25*

_____

**24.** IN WHAT KIND OF SCHOOL WAS THAT?

- High school ..... 1
- Vocational school/institute ..... 2
- College, CEGEP ..... 3
- University ..... 4
- Other ..... 5

**25.** DURING THE 12 MONTHS BEFORE YOU ENROLLED IN THE *(Read line A)* PROGRAM, WAS YOUR PRINCIPAL RESIDENCE IN *(Read province of institution from line B of label)*?

Yes 1 *Go to 28* No 2

**26.** IN WHAT PROVINCE WAS IT?

| | | | |
|---|---|---|---|
| Nfld. | 01 | Man. | 07 |
| P.E.I. | 02 | Sask. | 08 |
| N.S. | 03 | Alta. | 09 |
| N.B. | 04 | B.C. | 10 |
| Quebec | 05 | Yukon or N.W.T. | 11 |
| Ontario | 06 | Outside Canada | 12 |

**27.** DID YOU MOVE FROM THAT PROVINCE (COUNTRY) SPECIFICALLY TO ENROLL IN THE *(Read line A)* PROGRAM, OR FOR SOME OTHER REASON?

Enroll 1 Other reason 2

Did not move 3

## D. LAST WEEK OF JANUARY 1983

**28.** NOW A FEW QUESTIONS ABOUT YOUR EXPERIENCES SINCE YOU COMPLETED THE *(Read line A)* PROGRAM. FIRST SOME QUESTIONS ABOUT THE LAST WEEK OF JANUARY 1983, THAT IS, ABOUT A YEAR AND A HALF AGO. DURING THAT WEEK, WERE YOU ENROLLED IN AN EDUCATIONAL INSTITUTION?

Yes 1 No 2 *Go to 30*

**29.** WERE YOU ENROLLED AS A FULL-TIME OR AS A PART-TIME STUDENT?

Full-time 3 Part-time 4

**30.** DURING THAT WEEK, DID YOU DO ANY WORK AT A JOB OR A BUSINESS?

Yes 6 *Go to 32* No 6

**31.** DURING THAT WEEK, DID YOU HAVE A JOB OR BUSINESS AT WHICH YOU DID NOT WORK?

Yes 7 No 8 *Go to 33*

**32.** WAS THAT A FULL-TIME JOB, THAT IS, USUALLY 30 OR MORE HOURS A WEEK?

Yes 1 *Go to 36* No 2

**33.** DURING THE LAST WEEK OF JANUARY 1983, DID YOU HAVE A FULL-TIME JOB TO START AT A DEFINITE DATE IN THE FUTURE?

Yes 3 *Go to 36* No 4

**34.** WERE YOU LOOKING FOR A JOB DURING THE LAST WEEK OF JANUARY 1983?

Yes 5 No 6 *Go to 36*

**35.** WERE YOU LOOKING FOR A FULL-TIME JOB?

Yes 7 No 8

## E. LAST WEEK OF OCTOBER 1983

**36.** NOW SOME QUESTIONS ABOUT THE LAST WEEK OF OCTOBER 1983. DURING THAT WEEK, WERE YOU ENROLLED IN AN EDUCATIONAL INSTITUTION?

Yes 1 No 2 *Go to 38*

**37.** WERE YOU ENROLLED AS A FULL-TIME OR AS A PART-TIME STUDENT?

Full-time 3 Part-time 4

**38.** DURING THAT WEEK, DID YOU DO ANY WORK AT A JOB OR BUSINESS?

Yes 6 *Go to 40* No 6

**39.** DURING THAT WEEK, DID YOU HAVE A JOB OR BUSINESS AT WHICH YOU DID NOT WORK?

Yes 7 No 8 *Go to 41*

**40.** WAS THAT A FULL-TIME JOB, THAT IS, USUALLY 30 OR MORE HOURS A WEEK?

Yes 1 *Go to 44* No 2

**41.** DURING THE LAST WEEK OF OCTOBER 1983, DID YOU HAVE A FULL-TIME JOB TO START AT A DEFINITE DATE IN THE FUTURE?

Yes [3] ○ *Go to 44* No [4] ○

**42.** WERE YOU LOOKING FOR A JOB DURING THE LAST WEEK OF OCTOBER 1983?

Yes [5] ○ No [6] ○ *Go to 44*

**43.** WERE YOU LOOKING FOR A FULL-TIME JOB?

Yes [7] ○ No [8] ○

## F. SINCE COMPLETING POSTSECONDARY STUDIES

**44.** *INTERVIEWER CHECK-ITEM:*
*If respondent was looking for a job in January ("Yes" in 34) or in October ("Yes" in 42),*

*Check* [1] ○ *Go to 47*

*Otherwise* [2] ○ *Go to 45*

**45.** NOW SOME QUESTIONS ABOUT THE ENTIRE TWO YEARS OR SO SINCE YOU COMPLETED THE *(Read line A)* PROGRAM. AT ANY TIME SINCE THEN, WERE YOU EVER WITHOUT A JOB AND LOOKING FOR ONE?

Yes [1] ○ No [2] ○ *Go to 50*

**46.** HOW LONG IN TOTAL WERE YOU WITHOUT A JOB AND LOOKING FOR ONE? *(Check and enter amounts or check "don't know")*

weeks [1] ○ ☐☐ (number)

months [2] ○ ☐☐ (number)

Or: don't know [3] ○

*Go to 48*

**47.** NOW SOME QUESTIONS ABOUT THE ENTIRE TWO YEARS OR SO SINCE YOU COMPLETED THE *(Read line A)* PROGRAM. HOW LONG IN TOTAL WERE YOU WITHOUT A JOB AND LOOKING FOR ONE IN THIS PERIOD? *(Check and enter amounts or check "don't know")*

weeks [1] ○ ☐☐ (number)

months [2] ○ ☐☐ (number)

Or: don't know [3] ○

**48.** DURING ANY OF THIS TIME WHEN YOU WERE LOOKING FOR A JOB, WERE YOU A FULL-TIME STUDENT?

Yes [1] ○ No [2] ○ *Go to 50*

**49.** HOW MUCH OF THIS TIME WERE YOU A FULL-TIME STUDENT? *(Check and enter number of weeks or months)*

weeks [1] ○ ☐☐ (number)

months [2] ○ ☐☐ (number)

Or: all of it [3] ○

**50.** SINCE COMPLETING THE *(Read line A)* PROGRAM, HAVE YOU COMPLETED ANY OTHER UNIVERSITY, COLLEGE OR VOCATIONAL PROGRAMS?

Yes [1] ○ No [2] ○ *Go to 52*

**51.** WHAT TYPES OF DEGREES, DIPLOMAS OR CERTIFICATES HAVE YOU OBTAINED? *(Mark all mentioned)*

Trade/vocational ..... [1] ○

Community college/CEGEP/technical institute certificate or diploma/CEGEP D.E.C. ..... [2] ○

University certificate or diploma (below graduate level) [3] ○

University certificate or diploma (graduate level) ..... [4] ○

Bachelors degree ..... [5] ○

Degree in law, medicine or theology (LL.B., D.D.S., D.V.M.) ..... [6] ○

Masters degree ..... [7] ○

Earned doctorate (Ph.D., D.Sc., etc.) ..... [8] ○

Other *(Specify)* ..... [9] ○

_____

**52.** ***INTERVIEWER CHECK-ITEM:***
***If institution on line B of label is university,***

***check*** [1]○ ***Go to 55***

***Otherwise*** [2]○ ***Go to 53***

**53.** SINCE COMPLETING THE *(Read line A)* PROGRAM, HAVE YOU REGISTERED IN AN APPRENTICESHIP PROGRAM?

Yes [1]○ No [2]○ ***Go to 55***

**54.** WHAT TRADE?

**G. WEEK OF MAY 27 THROUGH JUNE 2, 1984**

**55.** NOW SOME QUESTIONS ABOUT THE WEEK OF MAY 27 THROUGH JUNE 2, 1984. DID YOU DO ANY WORK AT A JOB OR BUSINESS DURING THAT WEEK?

Yes [1]○ ***Go to 58*** No [2]○

**56.** DURING THAT WEEK, DID YOU HAVE A JOB OR BUSINESS AT WHICH YOU DID NOT WORK?

Yes [3]○ No [4]○ ***Go to 59***

**57.** WERE YOU ABSENT FROM WORK DURING THE WEEK OF MAY 27 THROUGH JUNE 2 BECAUSE OF A TEMPORARY LAYOFF?

Yes [5]○ No [6]○

**58.** WAS THE JOB YOU HAD DURING THAT WEEK A FULL-TIME JOB, THAT IS, USUALLY 30 OR MORE HOURS A WEEK?

Yes [7]○ ***Go to 64*** No [8]○ ***Go to 63***

**59.** DURING THE WEEK OF MAY 27 THROUGH JUNE 2, DID YOU HAVE A FULL-TIME JOB TO START AT A DEFINITE DATE IN THE FUTURE?

Yes [1]○ ***Go to 64*** No [2]○

**60.** DURING THE WEEK OF MAY 27 THROUGH JUNE 2, WERE YOU LOOKING FOR A JOB?

Yes [3]○ ***Go to 62*** No [4]○

**61.** WHAT WAS THE MAIN REASON YOU DID NOT LOOK FOR A JOB THAT WEEK? *(Mark one only)*

- Own illness or disability . . . . . [01]○
- Personal or family responsibilities . . . . [02]○
- Going to school . . . . . [03]○
- No longer interested in finding a job . . . [04]○
- Waiting for recall (to former job) . . . . . [05]○
- Had already found a new job . . . . . [06]○
- Waiting for replies from employer . . . . [07]○
- Could not find the kind of job wanted . [08]○
- Discouraged with looking . . . . . [09]○
- Other reason . . . . . [10]○
- No reason given . . . . . [11]○

} ***Go to 70***

**62.** WERE YOU LOOKING FOR A FULL-TIME JOB?

Yes [1]○ No [2]○

***Go to 70***

**63.** WHAT IS THE MAIN REASON YOU HAD A PART-TIME JOB? *(Do not read list; check one only)*

- Own illness or disability . . . . . [1]○
- Personal or family responsibilities . . . . . [2]○
- Going to school . . . . . [3]○
- Could only find part-time work . . . . . [4]○
- Did not want full-time work . . . . . [5]○
- Full-time work is under 30 hours a week . . . . . [6]○
- Other reason *(Specify)* . . . . . [7]○

_____

**64.** *INTERVIEWER: For items 65 through 80, if the respondent had more than one job, ask about the main job, i.e. the one usually worked at for the most number of hours.*

**65.** FOR WHOM DID YOU WORK AT THAT JOB? *(Probe with name of business, government department or agency, or person)*

**66.** WHAT KIND OF BUSINESS, INDUSTRY OR SERVICE WAS THIS? *(Probe with: elementary school, municipal government, retail shoe store)*

**67.** WHAT KIND OF WORK WERE YOU DOING? *(Probe with: elementary school teacher, manager of a biological research department, shoe salesperson) (Describe major activity, using at least two words)*

**68.** IF YOU WERE TO WORK AT THAT JOB FOR THE 12 MONTHS OF 1984, APPROXIMATELY WHAT WOULD BE YOUR GROSS ANNUAL EARNINGS? *(Record to nearest thousand dollars)*

$ [ ][ ]0 0 0 .0 0 Or: don't know [1]O

**69.** IN THE JOB YOU HAD IN THE WEEK OF MAY 27 THROUGH JUNE 2, WERE YOU A PAID WORKER OR SELF-EMPLOYED?

Paid worker ..... [1]O *Go to 71*

Self-employed ..... [2]O

Other (e.g. unpaid family worker) ..... [3]O

**70.** DO YOU THINK THE EDUCATIONAL PROGRAM YOU COMPLETED FOR THE *(Read line A)* WAS INTENDED TO PREPARE STUDENTS FOR A SPECIFIC JOB OR CAREER?

Yes [1]O No [2]O

*Go to 86*

**71.** DID YOU HAVE A PERMANENT POSITION OR A TEMPORARY POSITION WITH THAT EMPLOYER? *(If respondent asks, read definition of "permanent" and "temporary")*

Permanent [1]O

*(Definition: There was no indication that the job would end at some definite point in time, e.g., hired permanently with no specified term)*

Temporary [2]O

*(Definition: There was a definite indication that the job would terminate at some specified point in time, e.g., hired for a six-month term)*

**72.** WHEN YOU WERE SELECTED FOR THAT JOB, WHAT MINIMUM EDUCATIONAL QUALIFICATIONS WERE REQUIRED TO MEET THE HIRING CRITERIA? *(Mark one only)*

No qualifications specified ..... [01]O
High school completion or less... [02]O
Some postsecondary ..... [03]O
} *Go to 74*

College diploma or certificate ... [04]O

University diploma or certificate [05]O

Degree, level not specified..... [06]O

Bachelors or first professional degree ..... [07]O

Masters degree ..... [08]O

Doctorate degree..... [09]O

Don't know ..... [10]O *Go to 74*

**73.** DID THE EMPLOYER SPECIFY THAT IT WAS ESSENTIAL FOR THIS QUALIFICATION TO BE IN A SPECIFIC FIELD OR FIELDS OF STUDY?

Yes [1]O No [2]O

**74.** DID THE EMPLOYER SPECIFY THAT RELATED WORK EXPERIENCE WAS ESSENTIAL FOR THAT JOB?

Yes [3]○ No [4]○ Don't know [5]○

**75.** DO YOU THINK THE EDUCATIONAL PROGRAM YOU COMPLETED FOR THE *(Read line A)* WAS INTENDED TO PREPARE STUDENTS FOR A SPECIFIC JOB OR CAREER?

Yes [6]○ No [7]○ *Go to 77*

**76.** WAS YOUR JOB IN THE WEEK OF MAY 27 THROUGH JUNE 2 ONE FOR WHICH YOUR EDUCATIONAL PROGRAM WAS DESIGNED?

Yes [8]○ No [9]○

**77.** *INTERVIEWER CHECK-ITEM:*

*If respondent had a full-time job to start in the future ("Yes" in 59),*

*Check* [1]○ *Go to 86*

*Otherwise* [2]○ *Go to 78*

**78.** CONSIDERING ALL ASPECTS OF THE JOB YOU HAD IN THE WEEK OF MAY 27 THROUGH JUNE 2, HOW SATISFIED WERE YOU WITH THE JOB? WOULD YOU SAY THAT YOU WERE . . . *(Read first four categories aloud)*

Very satisfied? . . . . . [1]○

Satisfied? . . . . . [2]○

Not very satisfied? . . . . . [3]○

Not at all satisfied? . . . . . [4]○

Don't know/no opinion . . . . . [5]○

**79.** CONSIDERING THE DUTIES AND RESPONSIBILITIES OF THAT JOB, HOW SATISFIED WERE YOU WITH THE SALARY YOU RECEIVED? WOULD YOU SAY THAT YOU WERE . . . *(Read first four categories aloud)*

Very satisfied? . . . . . [1]○

Satisfied? . . . . . [2]○

Not very satisfied? . . . . . [3]○

Not at all satisfied? . . . . . [4]○

Don't know/no opinion . . . . . [5]○

**80.** IN THAT JOB, DID YOU USE ANY OF THE SKILLS ACQUIRED THROUGH THE EDUCATIONAL PROGRAM WHICH LED TO THE *(Read line A)*?

Yes [1]○ No [2]○

## H. JOB LASTING SIX MONTHS OR MORE

**81.** HAVE YOU WORKED AT THE JOB YOU HAD IN THE WEEK OF MAY 27 THROUGH JUNE 2 FOR SIX MONTHS OR MORE? *(Interviewer: If asked, a "job" means doing the same kind of work for the same employer)*

Yes [1]○ No [2]○ *Go to 85*

**82.** SINCE YOU COMPLETED THE REQUIREMENTS FOR THE *(Read line A)* PROGRAM, WAS THAT YOUR FIRST FULL-TIME JOB LASTING SIX MONTHS OR MORE?

Yes [1]○ No [2]○

**83.** WHEN DID YOU BEGIN THE JOB YOU HAD IN THE WEEK OF MAY 27 THROUGH JUNE 2? *(Enter month and year)*

Month ☐☐ Year 1 9 ☐☐

**84.** *INTERVIEWER CHECK-ITEM:*

*If the job held in the week of May 27 through June 2 was the first job lasting six months or more ("Yes" in 82),*

*Check* [1]○ *Go to 91*

*Otherwise* [2]○ *Go to 87*

**85.** WHEN DID YOU BEGIN THAT JOB? *(Enter month and check year)*

Month ☐☐ 1983 [1]○ 1984 [2]○

**86.** SINCE YOU COMPLETED THE REQUIREMENTS FOR THE *(Read line A)* PROGRAM, HAVE YOU HELD ANY FULL-TIME JOB LASTING SIX MONTHS OR MORE?

Yes [1]○ No [2]○ *Go to 91*

**87.** SINCE YOU COMPLETED THE REQUIREMENTS FOR THE *(Read line A)* PROGRAM, WHEN DID YOU START YOUR FIRST FULL-TIME JOB LASTING SIX MONTHS OR MORE? *(Enter month and year)*

Month ☐☐ Year 19☐☐

**88.** FOR WHOM DID YOU WORK AT THAT JOB? *(Probe with name of business, government department or agency, or person)*

Don't know 1○ Or:

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐

**89.** WHAT KIND OF BUSINESS, INDUSTRY OR SERVICE WAS THIS? *(Probe with: elementary school, municipal government, retail shoe store)*

Don't know 1○ Or:

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐

**90.** WHAT KIND OF WORK WERE YOU DOING? *(Probe with: elementary school teacher, manager of a biological research department, shoe salesperson) (Describe major activity, using at least two words)*

Don't know 1○ Or:

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐

## I. GENERAL AND CLASSIFICATORY QUESTIONS

**91.** NOW I'D LIKE TO ASK YOU SOME QUESTIONS ABOUT YOUR REASONS FOR ENROLLING IN THE *(Read line A)* PROGRAM. ON A SCALE OF ONE TO FOUR, WHERE ONE MEANS "NOT IMPORTANT" AND FOUR MEANS "VERY IMPORTANT", HOW IMPORTANT WAS IT FOR YOU . . . *(Read reason. Repeat underlined words for each reason)*

| | Not Important 1 | 2 | 3 | Very Important 4 |
|---|---|---|---|---|
| 1. To acquire specialized knowledge and skills required in a particular occupation? . . . . . | 01○ | 02○ | 03○ | 04○ |
| 2. To improve your career prospects? . . . . . | 05○ | 06○ | 07○ | 08○ |
| 3. To acquire general communication, social and reasoning skills? . . . . . | 09○ | 10○ | 11○ | 12○ |
| 4. To have the satisfaction of learning and understanding an academic discipline? . . . . . | 13○ | 14○ | 15○ | 16○ |

**92.** NOW GIVEN YOUR EXPERIENCE WHILE IN THE PROGRAM AND SINCE GRADUATION, ON A SCALE OF ONE TO FOUR WHERE ONE MEANS "NOT AT ALL" AND FOUR MEANS "TO A GREAT EXTENT", TO WHAT EXTENT DO YOU FEEL YOUR PROGRAM PROVIDED YOU WITH . . . *(Read phrase. Repeat underlined words for each phrase)*

| | Not at All 1 | 2 | 3 | To a Great Extent 4 |
|---|---|---|---|---|
| 1. Specialized knowledge and skills required in a particular occupation? . . | 01○ | 02○ | 03○ | 04○ |
| 2. Improved career prospects? | 05○ | 06○ | 07○ | 08○ |
| 3. General communication, social and reasoning skills? | 09○ | 10○ | 11○ | 12○ |
| 4. The satisfaction of learning and understanding an academic discipline? . . . . | 13○ | 14○ | 15○ | 16○ |

**93.** GIVEN YOUR EXPERIENCE SINCE COMPLETING THE REQUIREMENTS FOR THE *(Read line A)*, WOULD YOU HAVE SELECTED THE SAME EDUCATIONAL PROGRAM, A DIFFERENT PROGRAM, OR NOT TAKEN ANY POST-SECONDARY PROGRAM?

Same [1]○ Different [2]○

None [3]○ *Go to 95*

**94.** WHAT KIND WOULD YOU HAVE TAKEN – A UNIVERSITY, A COLLEGE, OR A TRADE PROGRAM?

University . . . . . [1]○

College . . . . . [2]○

Trade . . . . . [3]○

**95.** IN GENERAL HOW IMPORTANT IS IT TO YOU THAT A JOB BE RELATED TO YOUR FIELD OF STUDY OR SPECIALIZATION? WOULD YOU SAY IT IS . . . *(Read first four categories aloud)*

Very important? . . . . . [1]○

Important? . . . . . [2]○

Not very important? . . . . . [3]○

Not at all important? . . . . . [4]○

Don't know/no opinion . . . . . [5]○

**96.** DID YOU EVER BORROW MONEY TO FINANCE ANY OF YOUR EDUCATION?

Yes [1]○ No [2]○ *Go to 100*

**97.** THINKING ONLY OF REPAYABLE LOANS, HOW MUCH DID YOU OWE TO THE STUDENT LOAN PROGRAM WHEN YOU GRADUATED IN 1982? *(Do not include grants. Round to the nearest $100)*

$ [ ][ ][ ][0][0].[0][0]

**98.** AT THAT TIME, DID YOU OWE OTHER MONEY AS A RESULT OF BORROWING TO FINANCE YOUR EDUCATION?

Yes [1]○ No [2]○ *Go to 100*

**99.** HOW MUCH WAS THIS? *(Round to the nearest $100)*

$ [ ][ ][ ][0][0].[0][0]

**100.** FINALLY, I'D LIKE TO ASK YOU SOME QUESTIONS ABOUT YOURSELF. IN WHAT YEAR WERE YOU BORN?

[1][9][ ][ ] Or: refused [1]○

Year

**101.** WHAT IS YOUR MARITAL STATUS? ARE YOU SINGLE, THAT IS, NEVER MARRIED; MARRIED, INCLUDING COHABITATION; WIDOWED, SEPARATED, OR DIVORCED?

Single (never married) . . . . . [1]○

Married/cohabitation . . . . . [2]○

Widowed, separated, divorced . . . . . [3]○

Refused, not stated . . . . . [4]○

**102.** WHAT LANGUAGE DID YOU FIRST LEARN AND STILL UNDERSTAND? *(Check one only)*

English . . . . . [1]○

French . . . . . [2]○

Other language . . . . . [3]○

**103.** WHAT LANGUAGE DO YOU SPEAK MOST OFTEN AT HOME? *(Check one only)*

English . . . . . [1]○

French . . . . . [2]○

Other language . . . . . [3]○

**104.** DO YOU HAVE ANY DEPENDENT CHILDREN?

Yes [1]○ No [2]○ *Go to 106*

**105.** PLEASE TELL ME THEIR AGES. *(Record age in years as of last birthday)*

[ ][ ] [ ][ ] [ ][ ] [ ][ ] [ ][ ]

[ ][ ] [ ][ ] [ ][ ] [ ][ ] [ ][ ]

**106.** COLLEGES AND UNIVERSITIES ARE INTERESTED IN KNOWING WHERE STUDENTS LOCATE AFTER GRADUATION. WOULD YOU PLEASE TELL ME THE NAME OF THE CITY, TOWN OR VILLAGE YOU LIVE IN AND YOUR POSTAL CODE.

City, etc.

Postal code

**107.** *READ THE FOLLOWING DATA-SHARING AGREEMENT EXACTLY AS WORDED.*

To avoid duplication of enquiry, Statistics Canada is conducting this survey jointly with the Department of the Secretary of State, Employment and Immigration Canada and the provincial Ministries of Education and Labour. The information collected will be kept confidential and used for statistical purposes only.

However, if you object to sharing your answers with any of these departments, please write to the Chief Statistician of Canada, Ottawa, Ontario, K1A 0T6.

*(If respondent asks if it isn't enough just to tell you he/she doesn't want to share, add:)* According to the law, we need to have a letter from you indicating that you object to your answers being shared, specifying which departments this objection applies to.

**108.** THAT'S THE END OF THE SURVEY. WOULD YOU LIKE US TO SEND YOU A SUMMARY OF THE SURVEY RESULTS WHEN IT IS AVAILABLE?

Yes [1] ○ No [2] ○ *Terminate and go to 110*

**109.** MAY I HAVE THE REST OF YOUR MAILING ADDRESS, BESIDES THE CITY/TOWN/VILLAGE AND POSTAL CODE YOU JUST GAVE ME? *(Write in street name and number, apartment number, etc.)*

*END INTERVIEW, PLEASE COMPLETE ITEMS 110 THROUGH 111*

**110.** *Sex of respondent:*

Male [1] ○ Female [2] ○

**111.** *Province or territory where respondent was when interviewed:*

Nfld. [01] ○ Man. [07] ○

P.E.I. [02] ○ Sask. [08] ○

N.S. [03] ○ Alta. [09] ○

N.B. [04] ○ B.C. [10] ○

Québec [05] ○ Yukon [11] ○

Ontario [06] ○ N.W.T. [12] ○

**112.** *Language of interview:*

English [1] ⊘ French [2] ○

**COMMENTS:**

APPENDIX III

## SAMPLE FRAMES

The submitted populations and final useable responses for all university graduates and those from Faculty of Education programs across Canada and within Manitoba were as follows:

| | University Population | Useable Responses | Education Responses |
|---|---|---|---|
| Manitoba | | | |
| Undergrad deg,dip,cert | 4146 | 673 | 142 |
| MA deg,dip,cert | 426 | 320 | 80 |
| PhD | 54 | 35 | 1 |
| | 4626 | 1028 | 223 |
| Canada | | | |
| Undergrad deg,dip,cert | 91538 | 9968 | 1647 |
| MA deg,dip,cert | 13870 | 5251 | 1223 |
| PhD | 1517 | 755 | 128 |
| | 106925 | 15974 | 2998 |

# APPENDIX IV

## WEIGHTING PROCEDURE

Since this survey was based upon a sample of graduates, each responding graduate represented a number of other graduates in the population stratum. For each respondent, Statistics Canada calculated a weight variable to make the responding sample representative of the population.

Simplistically, the weight is the inverse of the sampling fraction, with a correction for non-response. Strata were determined according to province of institution, level of certification, and major field of study. A single weight was calculated for each stratum and assigned to each respondent within that stratum.

All analyses within this report were conducted using the weighting factor.

## APPENDIX V

### DERIVED INDICATORS

Closeness of Fit Between June 1984 Job and Education Program of Graduate

This variable was derived using a combination of other responses contained within the questionnaire. It was developed and tested by Statistics Canada.

The variables used for development included:

- answers to question 75
- answers to question 76
- answers to question 80.

The valid derivatives were:

- not applicable
- directly related
- partly related
- unrelated
- undetermined.